Abstract

This paper introduced the concept of noise reduction for recovering the original image. Digital images are a very important role in daily life like satellite television, computer etc. Sometimes digital images are faces problem called noise. For this problem, we study non-local means algorithm. In this algorithm uses a self-similarity concept, called "non-local means algorithm". Image accommodates noise like Gaussian noise, salt & pepper noise, speckle noise, film grain etc. In this paper, only survey on the existing non-local means algorithm for noise reduction which is taken from many devices like camera or other digital gadgets.

References


**Index Terms**

Computer Science Algorithms

**Keywords**

Gaussian noise, speckle noise, salt & pepper noise, Non-local mean algorithm, Noise reduction